

# SIGAda Awards



2011



# Outstanding Ada Community Contribution Award

## 42 Previous Recipients

Peter Amey

Christine Anderson

Ted Baker

John Barnes

Grady Booch

Kenneth L. Bowles

Ben Brosgol

Randy Brukardt

Alan Burns

Martin Carlisle

Richard Conn

Dirk Craeynest

Robert Dewar

Robert Duff

David Emery

John Goodenough

Hal Hart

Matthew Heaney

Audrey Hook

Michael González

Harbour

Jean Ichbiah

Magnus Kempe

Pascal Leroy

Bob Mathis

Charles McKay

Jim Moore

John McCormick

Karl Nyberg

Pascal Obry

Emmett Paige, Jr.

Erhard Ploedereder

Richard Riehle

Jean-Pierre Rosen

Edmond Schonberg

Frank Singhoff

Alfred Strohmeier

Tucker Taft

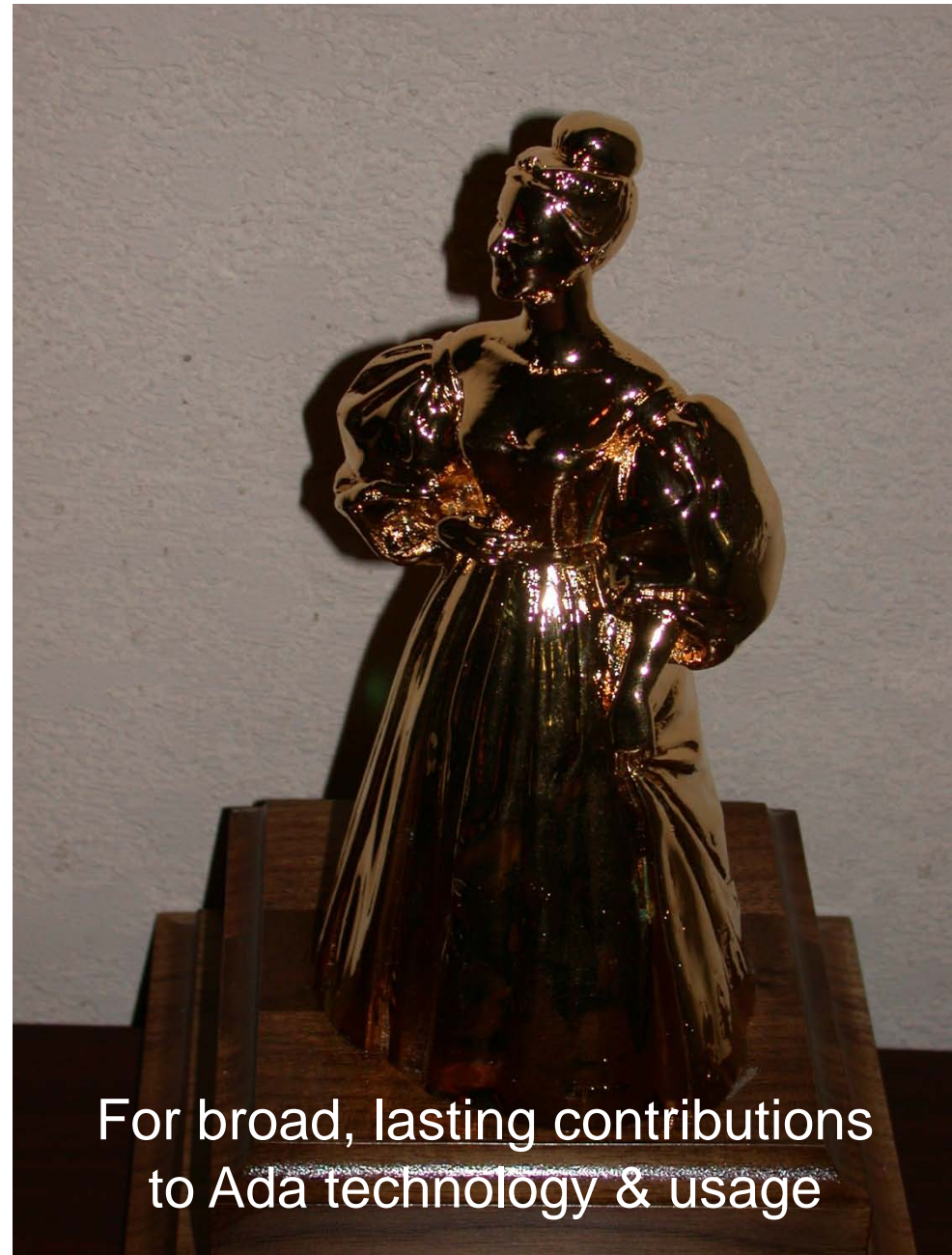
Joyce Tokar

Andy Wellings

William Whitaker

GNAT Team

SPARK Team



For broad, lasting contributions  
to Ada technology & usage

# An Active Individual

- Member of the ISO/IEC JTC 1/SC 22/WG 9  
– and Ada Rapporteur Group (ARG)
- Frequent participant in the International Real-Time Ada Workshop (IRTAW)
- Involved with the Ada High Integrity Rapporteur Group (HRG)

# Well Regarded Work (page 1)

- 1996 - Ada 95 and Critical Systems: An Analytical Approach
- 1997 - Using analytical approaches for high integrity Ada95 systems
- 1998 - Guidance on the Use of Ada95 in High Integrity Systems
- 1998 - Looking into Safety with The Safety and Security Rapporteur Group
- 1999 - Extendable, Dispatchable Task Communication Mechanisms

# Well Regarded Work (page 2)

- 2000 - Integrating Object-Oriented Programming and Protected Objects in Ada 95
- 2000 - Object-Oriented Programming and Protected Objects in Ada 95
- 2001 - Extensible Protected Type: Proposal Status
- 2001 - Position Paper: Completing the Ravenscar Profile
- 2001 - Tasking and Object Orientation
- 2002 - Practical implementations of Embedded Software using the Ravenscar Profile

# Well Regarded Work (page 3)

- 2002 - Integrating Object-Oriented Programming and Protected Objects in Ada 95
- 2003 - An Approach to Formal Verification of Real-Time Concurrent Ada Programs
- 2007 - Interfacing Ada to Operating Systems
- 2009 - Ada and Programming Language Vulnerabilities
- 2010 - Named Memory Pool for Ada
- 2010 - Realtime Paradigms Needed for Post Ada 2005
- 2010, Workshop on Software Security: "Find the Vulnerability"

# Stephen Michell

- During a vulnerability workshop held at SIGAda 2010, could name the brewery in Guelph, Ontario that uses clear bottles.



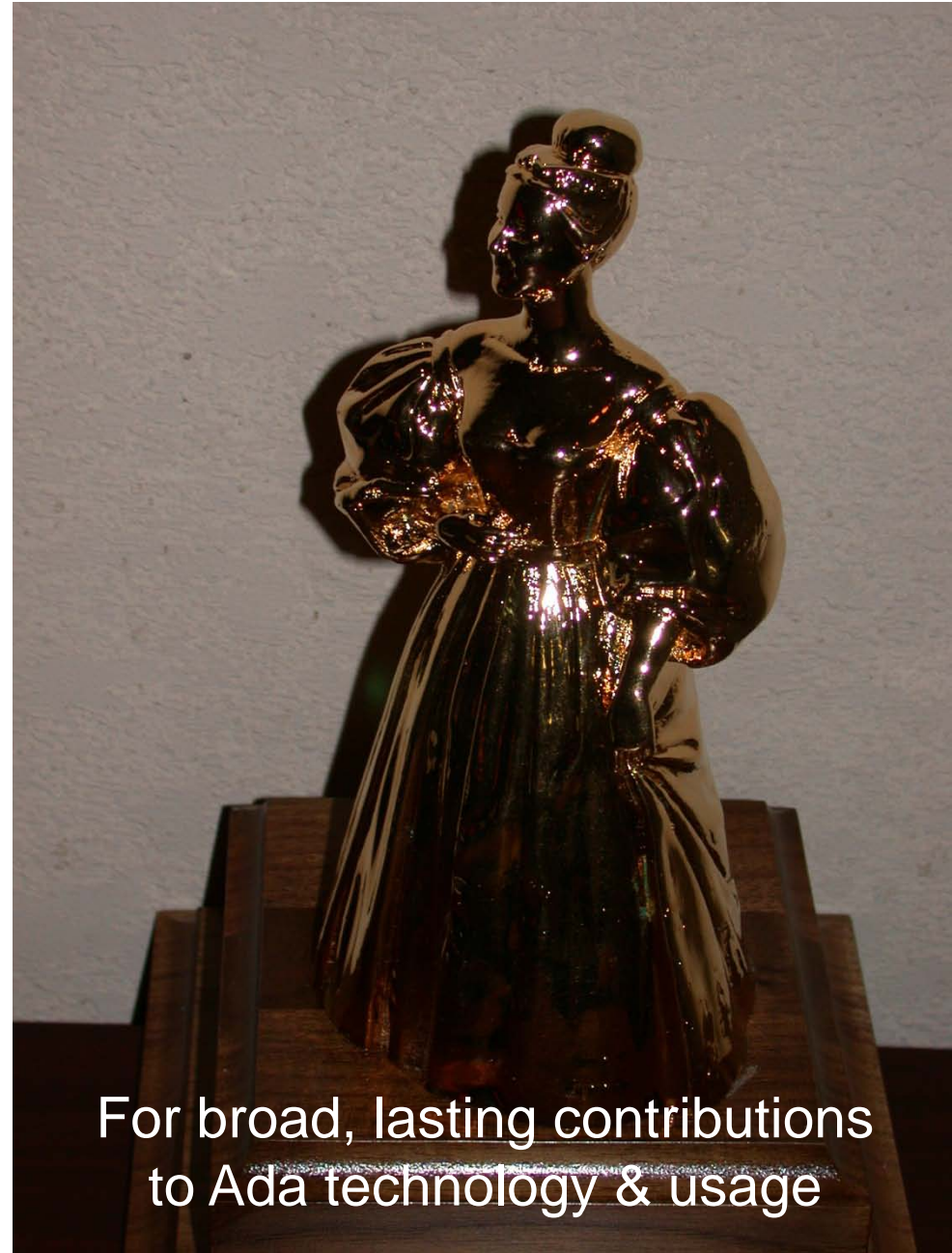
- Currently the Canadian Head Of Delegation for WG23, Software Vulnerabilities.

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Hal Hart  
Matthew Heaney  
Audrey Hook  
Michael González  
Harbour  
Jean Ichbiah

Magnus Kempe  
Pascal Leroy  
Bob Mathis  
Charles McKay  
Jim Moore  
John McCormick  
**Stephen Michell**  
Karl Nyberg  
Pascal Obry  
Emmett Paige, Jr.  
Erhard Ploedereder  
Richard Riehle  
Jean-Pierre Rosen  
Edmond Schonberg  
Frank Singhoff  
Alfred Strohmeier  
Tucker Taft  
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# Another Active Individual

- Member of the ISO/IEC JTC 1/SC 22/WG 9  
– and Ada Rapporteur Group (ARG)

The minutes of the ARG meeting in \_\_\_\_ include a motion saying: "The ARG thanks our host, \_\_\_\_, for hosting the meeting and treating us to one of the longest and most memorable meals in ARG history. Approved by acclamation."

- Frequent participant in the International Real-Time Ada Workshop (IRTAW)

# Well Regarded Work (page 1)

- His research activities are situated in the areas "Engineering of Real-Time Embedded Systems" and "High Integrity Systems and Design for Certification". They also show a lot of support and advocacy for Ada.
- He has taken an active part and supplied insight in the team that defined the Ravenscar profile, through the series of IRTAW workshops. He is one of the authors of the "Guide for the Use of the Ada Ravenscar Profile in High Integrity Systems".

## Well Regarded Work (page 2)

- He has been astute enough, in times of low popularity of Ada with all the Java wave, to put Ada in the context of European projects by using it as the target language of higher abstraction level proposals, such as systems modeling and design. In this line, he has led research on Ravenscar archetypes, whose results are going to be adopted by the European Space Agency (ESA) in the very near future. This is an important contribution to widen the use of Ada and reliable software in a remarkable European organization.

# Active in Ada-Europe

- Served as Editor-in-Chief of Ada-Europe's Ada User Journal (AUJ)
- Served on the Ada-Europe Board
- Served as Program Co-Chair for four Ada-Europe conferences
- Served as Conference Chair for a memorable conference
- Served as president

# Tullio Vardanega

- Currently the Italian Head Of Delegation for WG23, Software Vulnerabilities.

# ACM SIGAda Distinguished Service Award

## 29 Previous Recipients

Brad Balfour	David Harrison
Michael Berman	Hal Hart
Eugene Bingue	Mike Kamrad
Benjamin Brosgol	Rush Kester
Martin Carlisle	John McCormick
Norman Cohen	S. Ron Oliver
Ed Colbert	Thomas Panfil
Currie Colket	Charlene
David Cook	Roberts-Hayden
Leslie Dupaix	Clyde Roby
Chuck Engle	Jean Sammet
Mike Feldman	Rick Sward
Gerry Fisher	SIGAda's
Anthony Gargaro	Numerics
Mark Gerhardt	Working Group
Greg Gicca	ASIS Working
	Group



For exceptional contributions to  
SIGAda activities & products

# Alok Srivastava

- Editor, Ada Letters
  - Alok has done an outstanding job publishing three issues of Ada Letters each year, which is one of the key member benefits advertised by the SIGAda organization.
- Two time Conference Chair (2007 and 2010)
  - The 2007 conference was the most financially successful conference in recent history

# Alok Srivastava

- Vice Chair for Meetings and Conferences
  - Since 2009
  - He has done an outstanding job overseeing the organization of the SIGAda conferences for the past three years.
  - He has also stepped in several times for the SIGAda Chair to run bi-weekly meetings and to attend ACM SIG Governing Board meetings



# Alok Srivastava

- All Around “Good Guy” for SIGAda
  - Giving of his own time and money to support the SIGAda organization and conference. He often pays for his own room at ACM meetings and finds ways to save the organization money.
  - He has found support for SIGAda conferences from his company and other sponsors in the Washington DC area. He also has printed the Final Program for the conferences at his own expense instead of charging the conference.

# ACM SIGAda Distinguished Service Award

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